European Journal of Pharmacology, 217 (1992) 229–231
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European Journal of Pharmacology, 217 (1992) 233–238
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Key word index

α_2-Adrenoceptors (presynaptic)
Clonidine; Aspartate; Glutamate; GABA (γ-aminobutyric acid); Brain (rat) (Kamisaki, Y. (217) 57)

[^{3}H]AF-DX 384
Muscarinic receptors; Muscarinic M_2 receptor subtype; Receptor binding techniques; Autoradiography (Aubert, I. (217) 173)

Airway constriction
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Airway edema
Substance P; Neurokinin A; Capsaicin; Field stimulation; Airway constriction (Murai, M. (217) 23)

Airway hyperresponsiveness
5-Lipoxygenase; Leukotrienes; Asthma; Inflammation; (Late responses) (Abraham, W.M. (217) 119)

AMP-PNP (5′-adenylylimidophosphate)
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Angiotensin-converting enzyme inhibitors
Hindlimb perfusion model; Renin–angiotensin system (local); Angiotensin-converting enzyme activity (Marjorie, (217) 49)

Antidepressant drugs
Dopamine; Melatonin; Nucleus accumbens; Receptor supersensitivity (Durlach-Misteli, C. (217) 15)

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Ca^{2+}-related inward currents
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Cerebral blood flow
BY-1949; Nucleus basalis of Meynert; (Rat) (Takao, A. (217) 101)

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DTG (1,3-di-(2-[5-^{3}H]tolyl)guanidine)
σ Binding sites; R(+)-3-PPP (R(+)-3-(3-hydroxyphenyl)-N-(n-propyl)piperidine) (Codd, E.E. (217) 149)

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Clonidine; α_2-Adrenoceptors (presynaptic); Aspartate; Glutamate; Brain (rat) (Kamisaki, Y. (217) 57)

$GABA_A$ receptors
Circadian rhythm; Suprachiasmatic nucleus; 2-Deoxyglucose uptake; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); Benzodiazepine receptors (Tominaga, K. (217) 79)

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CGRP (calcitonin gene-related peptide); Circulatory filling pressure (mean); Venous tone; Noradrenaline (Abdelrahman, A. (217) 185)

Glutamate
Clonidine; α_2-Adrenoceptors (presynaptic); Aspartate; GABA (γ-aminobutyric acid); Brain (rat) (Kamisaki, Y. (217) 57)

Hindlimb perfusion model
Angiotensin-converting enzyme inhibitors; Renin–angiotensin system (local); Angiotensin-converting enzyme activity (Marjorie, (217) 49)

Histamine H_3 receptor antagonist (radiolabeled)
Histamine H_3 receptors; [^{125}I]Iodophenpropit binding (Jansen, F.P. (217) 203)

Histamine H_3 receptors
Histamine H_3 receptor antagonist (radiolabeled); [^{125}I]Iodophenpropit binding (Jansen, F.P. (217) 203)

Hot-plate test
Antinociception; Formalin test; Writhing test; Ca^{2+} channel blockers (Miranda, H.F. (217) 137)

5-HT (5-hydroxytryptamine, serotonin)
Norepinephrine; Nucleus raphe dorsalis; Locus coeruleus; Voltammetry (in vivo); (Rat) (Clement, H.-W. (217) 43)

Aorta (rat); Contraction; Uptake; Imipramine; Chlorpheniramine; Citalopram; Fluoxetine; Cocaine; Pargyline; Endothelium (Gruetter, C.A. (217) 109)

5-HT_{1A} receptor agonists
5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); NAN-190; BMY 7378; Drug discrimination; (±)-Pindolol; Prazosin; Eltoprazine; RU 24969; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

5-HT_{1A} receptor antagonists
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5-HT_1 receptors
Methionine sulfoximine; Hypothermia; Pindolol; Propranolol; Ketanserin; Betaxolol; ICI 118,551 (Ginefri-Gayet, M. (217) 85)

Hyperalgesia
Nitric oxide (NO); Neurogenic oedema (Ferreira, S.H. (217) 207)

Hypertension
Endothelin-1; Big endothelin-1; Bronchoconstriction; Metallopeptidases (Pons, F. (217) 65)

Hypothermia
Methionine sulfoximine; Pindolol; Propranolol; Ketanserin; Betaxolol; ICI 118,551; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

ICI 118,551
Methionine sulfoximine; Hypothermia; Pindolol; Propranolol; Ketanserin; Betaxolol; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

Ileum (rat)
Small intestine; Capsaicin; Nitric oxide (NO); Intestinal motility (Allescher, H.-D. (217) 153)

Imipramine
5-HT (5-hydroxytryptamine, serotonin); Aorta (rat); Contraction; Uptake; Chlorpheniramine; Citalopram; Fluoxetine; Cocaine; Pargyline; Endothelium (Gruetter, C.A. (217) 109)

Immunosuppressants
Scoparone; Tyrosine kinase inhibitor (Huang, H.-C. (217) 143)

Inflammation
5-Lipoxygenase; Leukotrienes; Asthma; Airway hyperresponsiveness; (Late responses) (Abraham, W.M. (217) 119)

Intestinal motility
GABA (γ-aminobutyric acid); Baclofen; Jejunum (human); Colon (human) (Gentilini, G. (217) 9)

Small intestine; Capsaicin; Nitric oxide (NO); Ileum (rat) (Allescher, H.-D. (217) 153)

[^{125}I]Iodophenpropit binding
Histamine H_3 receptors; Histamine H_3 receptor antagonist (radiolabeled) (Jansen, F.P. (217) 203)

Isoflurane
Anesthesia; Stereoisomers (Harris, B. (217) 215)

Jejunum (human)
GABA (γ-aminobutyric acid); Baclofen; Colon (human); Intestinal motility (Gentilini, G. (217) 9)

K^+ channels (ATP-sensitive)
Sulfonylureas; Motor control; Dorsal pallidum (Amalric, M. (217) 71)

Ketanserin
Methionine sulfoximine; Hypothermia; Pindolol; Propranolol; Betaxolol; ICI 118,551; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

p-Chlorophenylalanine; Atropine; Xylamidine; MDL 72222 (Bond, E.F. (217) 127)

Leukotrienes
5-Lipoxygenase; Asthma; Airway hyperresponsiveness; Inflammation; (Late responses) (Abraham, W.M. (217) 119)

5-Lipoxygenase
Leukotrienes; Asthma; Airway hyperresponsiveness; Inflammation; (Late responses) (Abraham, W.M. (217) 119)

Lithium chloride
Analgesia; Opioids (Raffa, R.B. (217) 221)

Locus coeruleus
5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; Nucleus raphe dorsalis; Voltammetry (in vivo); (Rat) (Clement, H.-W. (217) 43)

MDL 72222
Ketanserin; p-Chlorophenylalanine; Atropine; Xylamidine (Bond, E.F. (217) 127)

Melatonin
Dopamine; Nucleus accumbens; Antidepressant drugs; Receptor supersensitivity (Durlach-Misteli, C. (217) 15)

Mesenteric artery (human)
Calcium channels; Cromakalim; Vasodilators; Smooth muscle (vascular) (Smirnov, S.V. (217) 105)

Metallopeptidases
Endothelin-1; Big endothelin-1; Bronchoconstriction; Hypertension (Pons, F. (217) 65)

Methionine sulfoximine
Hypothermia; Pindolol; Propranolol; Ketanserin; Betaxolol; ICI 118,551; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

Morphine
Etonitazene; Conditioned place preference (Sala, M. (217) 37)

Motor control
Sulfonylureas; K^+ channels (ATP-sensitive); Dorsal pallidum (Amalric, M. (217) 71)

MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine)
Dopamine; Parkinson's disease (Pérez-Otaño, I. (217) 211)

Muscarinic receptors
[^{3}H]AF-DX 384; Muscarinic M_2 receptor subtype; Receptor binding techniques; Autoradiography (Aubert, I. (217) 173)

Muscarinic M_2 receptor subtype
[^{3}H]AF-DX 384; Muscarinic receptors; Receptor binding techniques; Autoradiography (Aubert, I. (217) 173)

NAN-190
5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); BMY 7378; Drug discrimination; (±)-Pindolol; Prazosin; Eltoprazine; RU 24969; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

Neurogenic inflammation
Neuropeptides; Capsaicin (Morikawa, M. (217) 31)

Plasma extravasation; Substance P antagonists; Tachykinins; Capsaicin; Pain (Nagahisa, A. (217) 191)

Neurogenic oedema
Nitric oxide (NO); Hyperalgesia (Ferreira, S.H. (217) 207)

Neurokinin A
Substance P; Capsaicin; Field stimulation; Airway constriction; Airway edema (Murai, M. (217) 23)

Neuropeptides
Neurogenic inflammation; Capsaicin (Morikawa, M. (217) 31)

Nitric oxide (NO)
Small intestine; Capsaicin; Intestinal motility; Ileum (rat) (Allescher, H.-D. (217) 153)

Hyperalgesia; Neurogenic oedema (Ferreira, S.H. (217) 207)

Analgesia; Dipyrone (Duarte, I.D.G. (217) 225)

NMDA receptor antagonists
Phencyclidine; Ventral tegmental area; A10 neurons (French, E.D. (217) 1)

Noradrenaline
CGRP (calcitonin gene-related peptide); Circulatory filling pressure (mean); Venous tone; Ganglionic blockers (Abdelrahman, A. (217) 185)

Norepinephrine
5-HT (5-hydroxytryptamine, serotonin); Nucleus raphe dorsalis; Locus coeruleus; Voltammetry (in vivo); (Rat) (Clement, H.-W. (217) 43)

Nucleus accumbens
Dopamine; Melatonin; Antidepressant drugs; Receptor supersensitivity (Durlach-Misteli, C. (217) 15)

Nucleus basalis of Meynert
BY-1949; Cerebral blood flow; (Rat) (Takao, A. (217) 101)

Nucleus raphe dorsalis
5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; Locus coeruleus; Voltammetry (in vivo); (Rat) (Clement, H.-W. (217) 43)

8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin)
Circadian rhythm; Suprachiasmatic nucleus; 2-Deoxyglucose uptake; $GABA_A$ receptors; Benzodiazepine receptors (Tominaga, K. (217) 79)

5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; NAN-190; BMY 7378; Drug discrimination; (±)-Pindolol; Prazosin; Eltoprazine; RU 24969; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

Opioid receptor antagonists
Substance P (N-terminal fragments); Substance P-(1–7); Behavioural desensitization (Mousseau, D.D. (217) 197)

Opioids
Lithium chloride; Analgesia (Raffa, R.B. (217) 221)

Pain
Neurogenic inflammation; Plasma extravasation; Substance P antagonists; Tachykinins; Capsaicin (Nagahisa, A. (217) 191)

Pargyline
5-HT (5-hydroxytryptamine, serotonin); Aorta (rat); Contraction; Uptake; Imipramine; Chlorpheniramine; Citalopram; Fluoxetine; Cocaine; Endothelium (Gruetter, C.A. (217) 109)

Parkinson's disease
MPTP (1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine); Dopamine (Pérez-Otaño, I. (217) 211)

Phencyclidine
NMDA receptor antagonists; Ventral tegmental area; A10 neurons (French, E.D. (217) 1)

Pindolol
Methionine sulfoximine; Hypothermia; Propranolol; Ketanserin; Betaxolol; ICI 118,551; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

(±)-Pindolol
5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); NAN-190; BMY 7378; Drug discrimination; Prazosin; Eltoprazine; RU 24969; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

Plasma extravasation
Neurogenic inflammation; Substance P antagonists; Tachykinins; Capsaicin; Pain (Nagahisa, A. (217) 191)

PPADS (pyridoxalphosphate-6-azophenyl-2′,4′-disulfonic acid)
P_2 purinoceptors (antagonists); Vas deferens (rabbit) (Lambrecht, G. (217) 217)

P_2 purinoceptors
Vas deferens (guinea-pig); Ca^{2+}-related inward currents; AMP-PNP (5′-adenylylimidophosphate) (Inomata, H. (217) 93)

P_2 purinoceptors (antagonists)
PPADS (pyridoxalphosphate-6-azophenyl-2′,4′-disulfonic acid); Vas deferens (rabbit) (Lambrecht, G. (217) 217)

Prazosin
5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); NAN-190; BMY 7378; Drug discrimination; (±)-Pindolol; Eltoprazine; RU 24969; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

Propranolol
Methionine sulfoximine; Hypothermia; Pindolol; Ketanserin; Betaxolol; ICI 118,551; 5-HT_1 receptors (Ginefri-Gayet, M. (217) 85)

Prostaglandin E_2
Endothelin-1; Smooth muscle (vascular); Coronary artery (porcine) (Suzuki, S. (217) 97)

Receptor binding techniques
[^{3}H]AF-DX 384; Muscarinic receptors; Muscarinic M_2 receptor subtype; Autoradiography (Aubert, I. (217) 173)

Receptor supersensitivity
Dopamine; Melatonin; Nucleus accumbens; Antidepressant drugs (Durlach-Misteli, C. (217) 15)

Renin–angiotensin system (local)
Hindlimb perfusion model; Angiotensin-converting enzyme inhibitors; Angiotensin-converting enzyme activity (Marjorie, (217) 49)

R(+)-3-PPP (R(+)-3-(3-hydroxyphenyl)-N-(n-propyl)piperidine)
σ Binding sites; DTG (1,3-di-(2-[5-^{3}H]tolyl)guanidine) (Codd, E.E. (217) 149)

RU 24969
5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); NAN-190; BMY 7378; Drug discrimination; (±)-Pindolol; Prazosin; Eltoprazine; TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine); (Pigeon) (Barrett, J.E. (217) 163)

Scoparone
Immunosuppressants; Tyrosine kinase inhibitor (Huang, H.-C. (217) 143)

Small intestine
Capsaicin; Nitric oxide (NO); Intestinal motility; Ileum (rat) (Allescher, H.-D. (217) 153)

Smooth muscle (vascular)
Endothelin-1; Prostaglandin E_2; Coronary artery (porcine) (Suzuki, S. (217) 97)

Calcium channels; Cromakalim; Vasodilators; Mesenteric artery (human) (Smirnov, S.V. (217) 105)

Stereoisomers
Isoflurane; Anesthesia (Harris, B. (217) 215)

Substance P
Neurokinin A; Capsaicin; Field stimulation; Airway constriction; Airway edema (Murai, M. (217) 23)

Substance P-(1–7)
Substance P (N-terminal fragments); Opioid receptor antagonists; Behavioural desensitization (Mousseau, D.D. (217) 197)

Substance P antagonists
Neurogenic inflammation; Plasma extravasation; Tachykinins; Capsaicin; Pain (Nagahisa, A. (217) 191)

Substance P (N-terminal fragments)
Substance P-(1–7); Opioid receptor antagonists; Behavioural desensitization (Mousseau, D.D. (217) 197)

Sulfonylureas
K^+ channels (ATP-sensitive); Motor control; Dorsal pallidum (Amalric, M. (217) 71)

Suprachiasmatic nucleus
Circadian rhythm; 2-Deoxyglucose uptake; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); $GABA_A$ receptors; Benzodiazepine receptors (Tominaga, K. (217) 79)

Tachykinins
Neurogenic inflammation; Plasma extravasation; Substance P antagonists; Capsaicin; Pain (Nagahisa, A. (217) 191)

TFMPP (1-[3-(trifluoromethyl)phenyl]piperazine)
5-HT_{1A} receptor agonists; 5-HT_{1A} receptor antagonists; 8-OH-DPAT (8-hydroxy-2-(di-n-propylamino)tetralin); NAN-190; BMY 7378; Drug discrimination; (±)-Pindolol; Prazosin; Eltoprazine; RU 24969; (Pigeon) (Barrett, J.E. (217) 163)

Tyrosine kinase inhibitor
Immunosuppressants; Scoparone (Huang, H.-C. (217) 143)

Uptake
5-HT (5-hydroxytryptamine, serotonin); Aorta (rat); Contraction; Imipramine; Chlorpheniramine; Citalopram; Fluoxetine; Cocaine; Pargyline; Endothelium (Gruetter, C.A. (217) 109)

Vas deferens (guinea-pig)
Ca^{2+}-related inward currents; AMP-PNP (5′-adenylylimidophosphate); P_2 purinoceptors (Inomata, H. (217) 93)

Vas deferens (rabbit)
PPADS (pyridoxalphosphate-6-azophenyl-2′,4′-disulfonic acid); P_2 purinoceptors (antagonists) (Lambrecht, G. (217) 217)

Vasodilators
Calcium channels; Cromakalim; Mesenteric artery (human); Smooth muscle (vascular) (Smirnov, S.V. (217) 105)

Venous tone
CGRP (calcitonin gene-related peptide); Circulatory filling pressure (mean); Noradrenaline; Ganglionic blockers (Abdelrahman, A. (217) 185)

Ventral tegmental area
Phencyclidine; NMDA receptor antagonists; A10 neurons (French, E.D. (217) 1)

Voltammetry (in vivo)
5-HT (5-hydroxytryptamine, serotonin); Norepinephrine; Nucleus raphe dorsalis; Locus coeruleus; (Rat) (Clement, H.-W. (217) 43)

Writhing test
Antinociception; Formalin test; Hot-plate test; Ca^{2+} channel blockers (Miranda, H.F. (217) 137)

Xylamidine
Ketanserin; p-Chlorophenylalanine; Atropine; MDL 72222 (Bond, E.F. (217) 127)